

1	AGCAGACAGGACTCTCATTAAAGGAGG	TGTCCTGTGCCTGACCTACAAGATGCCA	59
		MetPro	2
60	AGAGAAATGCTCACTTCATCTATGGTTAC	CCCAAGAAGGGCAGCGCCACTCTTACACC	119
3	ArgGluAspAlaHisPheIleTyrGlyTyr	ProLysLysGlyHisGlyHisSerTyrThr	22
120	ACGGCTGAAGGCGCTGGGATCGGCATC	CTGACACTGATCCTGGGAGTCTTACTGCTC	180
23	ThrAlaGluGluAlaAlaGlyIleGlyIle	LeuThrValIleLeuGlyValLeuLeuLeu	43
181	ATCGGCTGTTGGTATTGTAGAAGACGAAAT	GGATACAGAGCCTTGATGGATAAAGTCTT	239
44	IleGlyCysTrpTyrCysArgArgArgAsn	GlyTyrArgAlaLeuMetAspLysSerLeu	62
240	CATGTTGGCACTCAATGTGCCTTAACAAGA	AGATGCCCAACAAGAAGGTTTGATCATCGG	300
63	HisValGlyThrGlnCysAlaLeuThrArg	ArgCysProGlnGluGlyPheAspHisArg	83
301	GACAGCAAAGTGCTCTCTTCAGAGAAAAC	TGTGAACCTGTGGTCCCAATGCTCCACCT	359
84	AspSerLysValSerLeuGlnGluLysAsn	CysGluProValValProAsnAlaProPro	102
360	GCTTATGAGAACTCTCTGCAGAACAGTCA	CCACCACCTTATTCACCTTAAGAGCCAGCG	420
103	AlaTyrGluLysLeuSerAlaGluGlnSer	ProProProTyrSerPro	118
421	AGACACCTGAGACATGCTGAAATTATTCT	CTCACACTTTTGCTTGAATTTAATACAGAC	479

FIG. 1A

480 ATCTAAATGTTCTCCTTTGGAAATGGGTAGG AAAAATGCAAGCCATCTCTAAATAAATAGTC 540
 541 AGTGTAAATAATTTTAGTAGTCCGCTAGCA GTACTAATCATGTGAGGAATGATGAGAAA 599
 600 TATTAAATGGGPAACCTCCATCAATAAAT GTTGAATGCATGATACATATCTGTGCCAGA 660
 661 GGTAAATGTAGTAAATCCATGGTGTATTT TCTGAGACACAGAAATCAAGTGGGTATCTT 719
 720 GGGCCCAICCAATTCTCTTTACTTGAAT TTGGCTAAATAACAACTAGTCAGGTTTTCG 780
 781 AACCTTGACCGACATGAACGTACACAGAA TTGTTCCAGTACTATGGAGTGTCTCACAAG 839
 840 GATACITTTACAGGTTAAGACAAAGGTTG ACTGGCCTATTTATCTGATCAGAACAATG 900
 901 CAGCAATGCTCTTTGTGCTCTAAAATCT ATTATACTACAATAATATATTGTAAGATC 959
 960 CTATAGCTCTTTTTTTTTTGGATGGAGTTT CGCTTTTGTGCCCAGGCTGGAGTGCAATG 1020
 1021 GCGGATCTTGGTCAACATACCTCCGCC TCCAGGTTCAAGCAATTCCTCGCCTTAG 1079
 1080 CCTCTGACTAGCTGGATTACAGGCGTG GCCACTATGCTGACTAATTTTGTAGTTT 1140
 1141 AGTAGAGAGGGGTTTCTCCATGTTGTTCA GGCTGGTCTCAAACTCCTGACCTCAGGTGA 1199
 1200 TCTGCCCGCTCAGCCTCCCAAGTGTGG AATTACAGGGGTGAGCCACCACCGCTGGCT 1260
 1261 GGATCCTATATCTAGTAAAGACATATAAC GCAGTCTAATTACATTTCACTTCAAGGTC 1319
 1320 AATGCTATTTCTAATAAGACAGTATTT CTACTAAACAGAAATTGGTAGAGGATTT 1380
 1381 AATAAGTAAAAGCTACTATGACTGCCTT AGTGTGATGCCTGTGACTGCCTTAAATG 1439
 1440 TACCTATGGCAATTAGTCTCTTTGGGTTT CCAATCCCTCTCAAGAAATGTGCAGAA 1500
 1501 AAATCATAAAGGATCAGAGATTCTGAAAA AAAAAAAAAAAAAAAAAAAAAAAAAA 1559

FIG. 1B

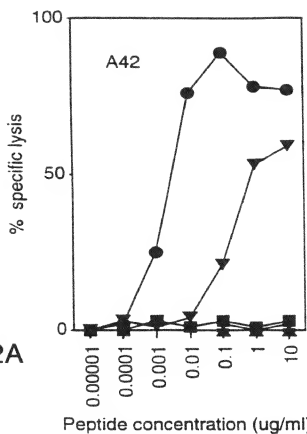


FIG. 2A

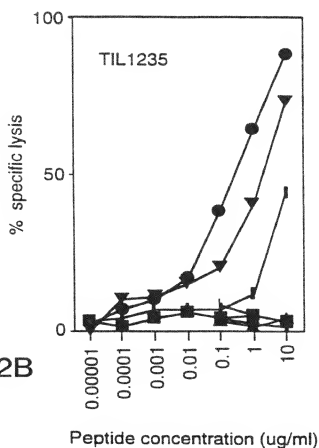


FIG. 2B

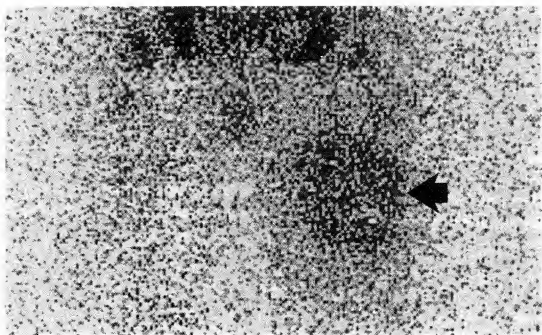


FIG. 3A

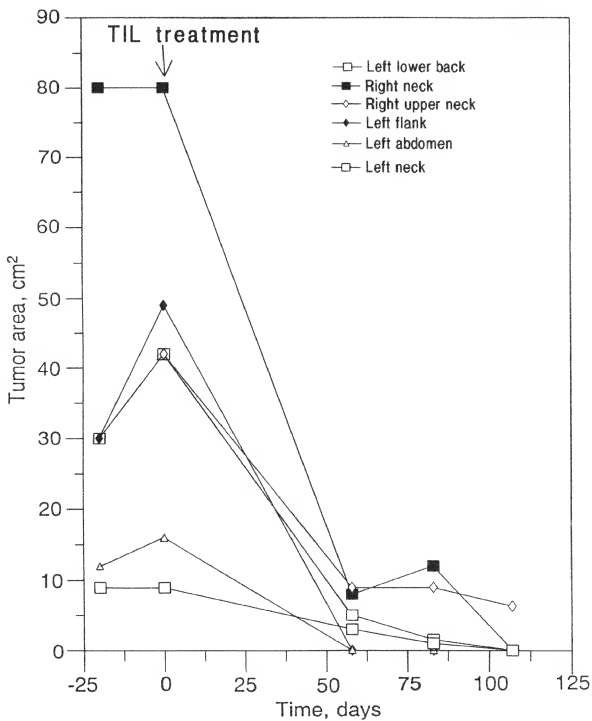


FIG. 3B

GTCGACGGCC	ATTACCAATC	GCGACCGGGA	AGAACACA <u>AT</u>	40
<u>GGATCTGGTG</u>	CTAAAAAGAT	GCCTTCTTCA	TTTGGCTGTG	80
ATAGGTGCTT	TGCTGGCTGT	GGGGGCTACA	AAAGTACCCA	120
GAAACCAGGA	CTGGCTTGTT	GTCTCAAGGC	AACTCAGAAC	160
CAAAGCCTGG	AACAGGCAGC	TGTATCCAGA	GTGGACAGAA	200
GCCCAGAGAC	TTGACTGCTG	GAGAGGTGGT	CAAGTGTCCC	240
TCAAGGTCAG	TAATGATGGG	CCTACACTGA	TTGGTGCAAA	280
TGCTCTCTTC	TCTATTGCCT	TGAACTTCCC	TGGAAGCCAA	320
AAGGTATTGC	CAGATGGGCA	GGTTATCTGG	GTCAACAATA	360
CCATCATCAA	TGGGAGCCAG	GTGTGGGGAG	GACAGCCAGT	400
GTATCCCCAG	GAAACTGACG	ATGCCTGCAT	CTTCCCTGAT	440
GGTGGACCTT	GCCCATCTGG	CTCTTGGTCT	CAGAAGAGAA	480
GCTTTGTTTA	TGTCTGGAAG	ACCTGGGGCC	AATACTGGCA	520
ATTTCTAGGG	GGCCCACTGT	CTGGGCTGAG	CATTGGGACA	560
GGCAGGGCAA	TGCTGGGCAC	ACACACCATG	GAAGTGA	600
TCTACCATCG	CCGGGGATCC	CGGAGCTATG	TGCCTCTTGC	640
TCATTCCAGC	TCAGCCTTCA	CCATTACTGA	CCAGGTGCCT	680
TTCTCCGTGA	GCGTGTC	CA	CA	720
GGAACAAGCA	CTTCCTGAGA	AATCAGCCTC	TGACCTTTGC	760
CCTCCAGCTC	CATGACCCCA	GTGGCTATCT	GGCTGAAGCT	800
GACCTCTCCT	ACACCTGGGA	CTTTGGGAGAC	AGTAGTGGAA	840
CCCTGATCTC	TCGGGCACTT	GTGGTCACTC	ATACTTACCT	880
GGAGCCTGGC	CCAGTCACTG	CCCAGGTGGT	CCTGCAGGCT	920
GCCATTCTCT	TCACCTCCTG	TGGCTCCTCC	CCAGTTC	960
GCACCACAGA	TGGGCACAGG	CCAACTGCAG	AGGCCCTTAA	1000
CACCACAGCT	GGCCAAGTGC	CTACTACAGA	AGTTGTGGGT	1040
ACTACACCTG	GTCAGGCGCC	AACTGCAGAG	CCCTCTGGAA	1080
CCACATCTGT	GCAGGTGCCA	ACCACTGAAG	TCATAAGCAC	1120

FIG. 4A

TGCACCTGTG CAGATGCCAA CTGCAGAGAG CACAGGTATG	1160
ACACCTGAGA AGGTGCCAGT TTCAGAGGTC ATGGGTACCA	1200
CACTGGCAGA GATGTCAACT CCAGAGGCTA CAGGTATGAC	1240
ACCTGCAGAG GTATCAATTG TGGTGCTTTC TGGAAACCACA	1280
GCTGCACAGG TAACAACTAC AGAGTGGGTG GAGACCACAG	1320
CTAGAGAGCT ACCTATCCCT GAGCCTGAAG GTCCAGATGC	1360
CAGCTCAATC ATGTCTACGG AAAGTATTAC AGGTTCCTG	1400
GGCCCCCTGC TGGATGGTAC AGCCACCTTA AGGTGGTGA	1440
AGAGACAAAGT CCCCCTGGAT TGTGTTCTGT ATCGATATGG	1480
TTCTTTTCC GTCACCCTGG ACATTGTCCA GGGTATTGAA	1520
AGTGCCGAGA TCCTGCAGGC TGTGCCGTCC GGTGAGGGGG	1560
ATGCATTTGA GCTGACTGTG TCCTGCCAAG GCGGGCTGCC	1600
CAAGGAAGCC TGCATGGAGA TCTCATCGCC AGGGTGCCAG	1640
CCCCCTGCCC AGCGGCTGTG CCAGCCTGTG CTACCCAGCC	1680
CAGCCTGCCA GCTGGTTCCT CACCAGATAC TGAAGGGTGG	1720
CTCGGGGACA TACTGCCTCA ATGTGTCTCT GGCTGATACC	1760
AACAGCCTGG CAGTGGTCAG CACCCAGCTT ATCATGCCTG	1800
GTCAAGAAGC AGGCCTTGGG CAGGTTCCGC TGATCGTGGG	1840
CATCTTGCTG GTGTTGATGG CTGTGGTCCT TGCATCTCTG	1880
ATATATAGGC GCAGACTTAT GAAGCAAGAC TTCTCCGTAC	1920
CCCAGTTGCC ACATAGCAGC AGTCACTGGC TGCCTCTACC	1960
CCGCATCTTC TGCTCTGTGC CCATTGGTGA GAACAGCCCC	2000
CTCCTCAGTG GGCAGCAGGT CTGAGTACTC TCATATGATG	2040
CTGTGATTTT CCTGGAGTTG ACAGAAACAC CTATATTTCC	2080
CCCAGTCTTC CCTGGGAGAC TACTATTAAC TGAATAAAT	2120
ACTCAGAGCC TGAATAAAAA TAAAAAATAA AAAAAAATAA	2160
AAAAAATAAA AA	2172

FIG. 4B

```

1 MDLVLRCLL HLAIVIGALLA VGATKVPNRQ DWLGVSRQLR TKAWNRLQLYP
51 EWTEAQRLLDC WRGGQVSLKV SNDGPTLIGA NASFSIALNF PGSQKVLDPDG
101 QVIWVNNTII NGSQVWGGQP VYPQETDDAC IFPDGGPCPS GSWSQKRSFV
151 YVWKTWQQYW QFLGGPVSGS SIGTGRAMLG THTMEVTVYH RRGSRSYVPL
201 AHSSSAFTIT DQVPFSVSVS QLRALDGGNK HFLRNQPLTF ALQLHDPSTGY
251 LAEADLSYTW DFGDSSGTLI SRALVVTHTY LEPGPVTAQV VLQAAIPLTS
301 CGSSPVPGTT DGHRPTAEAP NNTAGQVPTT EVVGTTPGQA PTAEPSGTTT
351 VQVPTTEVIS TAPVQMPTAE STGMTPEKVP VSEVMGTTLA EMSTPEATGM
401 TPAEVSIVVL SGTAAQVTT TEWVETTARE LPIPEPEGPD ASSIMSTESI
451 TGSLGPILLDG TATLRLVKRO VPLDCVLYRY GSFSVTLDIV QGIESAEILQ
501 AVPSGEGDAF ELTVSCQGL PKEACMEISS PGCQPPAQLR CQPVLPSAPAC
551 QLVLHQILKG GSGTYCLNVS LADTNSLAVV STQLIMPGQE AGLGQVPLIV
601 GILLVLMVV LASLIYRRRL MKQDFSVPL PHSSSHWLRL PRIFCSCPIG
651 ENSPLLSGQQ V

```

FIG. 5A

```

Pme117 M-----V-----Q-----P-----VPGILLT-----LLSGQQV
ME20 M-----V-----Q-----L-----.....
gp100 M-----V-----Q-----L-----.....
cDNA25FL M-----F-----Q-----L-----.....
cDNA25TR M-----L-----.....PPQWAAGLSTLI
1 162 236 274 588 649

```

FIG. 5B

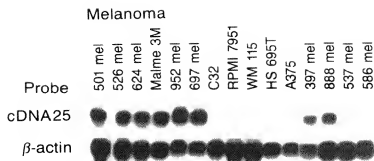


FIG. 6A

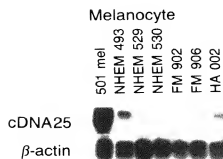


FIG. 6B

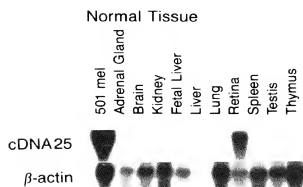


FIG. 6C